	DET 0 8 7005	OCT 0 6 2005 J	i) - C	9.7-05	PATENT	
PATE	A STARE MARY	IN THE UNITED STATES PATE	INT A			
	In re Application of:		ş	§		
		LARRY J. BUCHANAN ET AL.	ş	Group Art Unit:	3676	
	Serial No.:	10/727,454	§ § §	Examiner:	BRYAN A. FULLER	
	Filed:	September 17, 2003	Ş			
	Pre	ETHOD OF OPTIMIZING ODUCTION OF GAS FROM BTERRANEAN FORMATIONS"	9 <del>9</del> 9 9 9 9	Atty. Docket No:	HES 2003-IP-010346U1	
•				Pursuant to 37 C.F.R information and a ri correspondence will Service as Express M date below, and is add MAIL STOP A	MENDMENT COMMISSIONER FOR PATENTS	
	MAIL STOP AMENDMENT Honorable Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450			ALEXANDRIA, VA 22313-1450 ALEXANDRIA, VA 22313-1450 Tamimy Knight Coober 5, 2005 EXPRESS MAIL LABEL: ED804320188US		

## **RESPONSE UNDER 37 C.F.R. §1.111 TO NON-FINAL OFFICE ACTION, MAILED July 14, 2005**

Dear Sir:

In response to the Non-Final Office Action mailed July 14, 2005, Applicants

respectfully submit the following remarks and amendments set forth below and request favorable

- Page 1 of 24 -

action thereon.

As the three-month shortened statutory period for reply is due October 14, 2005,

this Response is therefore considered timely filed.